

RECORD OF SURVEY

BEING THE LANDS BOUNDED BY
NORTH MAIN STREET, UNION PACIFIC RAILROAD
AND CARLO STREET

LYING WITHIN THE CITY OF MILPITAS
SANTA CLARA COUNTY, CALIFORNIA
SCALE: 1" = 500'
CONSISTING OF 3 SHEETS
SHEET 1 OF 3

3920 *
FD, 3-1/2" BRASS DISK STAMPED
"US COAST & GEODETIC SURVEY BENCH
BENCH MARK J886 RESET 1961"
WITH PUNCH FLUSH IN CONCRETE.

1084 *
FD, 2-1/2" BRASS DISK STAMPED
"LS 4354 RCE 18538" WITH
PUNCH, DN, 0.6" IN MON. WELL
AT INTERSECTION OF TURQUOISE
STREET AND S. MILPITAS BOULEVARD.

NOTES

ALL MEASURED DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF. THIS MAP IS BEING FILED IN ACCORDANCE WITH SECTION 8762 (b); (1) (2) (3), AND (c) OF THE PROFESSIONAL LAND SURVEYORS' ACT.
ALL MEASURED BEARINGS AND DISTANCES ARE GRID, NAD83, CALIFORNIA COORDINATE SYSTEM, ZONE 3, EPOCH 1991.35. THE COMBINED GRID FACTOR FOR THIS PROJECT IS 0.999948912. MULTIPLY GRID DISTANCES BY 1.000051091 TO OBTAIN GROUND LEVEL DISTANCES.

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT AT THE REQUEST OF CITY OF MILPITAS IN OCTOBER, 2003.

KRISTINA D. COMERER-----P.L.S. 6766
LICENSE EXPIRES: SEPTEMBER 30, 2004

BASIS OF BEARINGS

HORIZONTAL VALUES ESTABLISHED UTILIZING A COMBINATION OF GPS FAST-STATIC METHODS AND CONVENTIONAL MEANS. THE GPS SURVEY HELD POINTS 1084, 3920, AND 4000, AS SHOWN ON THE RECORD OF SURVEY FILED ON JUNE 21, 1996 IN BOOK 677 OF MAPS AT PAGES 54-62, SANTA CLARA COUNTY RECORDS, IN A LEAST SQUARES ADJUSTMENT OF THE GPS DATA. ELEVATIONS ARE BASED UPON A DIGITAL LEVEL CIRCUIT HOLDING CITY OF MILPITAS BENCH MARKS CAR-MAL, M874, AND MAL-WEL FIXED IN A LEAST SQUARES ADJUSTMENT OF THE LEVELING DATA. HORIZONTAL DATUM IS NAD83, EPOCH 1991.35. VERTICAL DATUM IS NAVD29, CITY OF MILPITAS - DECEMBER 1999 - FEBRUARY 2000 SURVEY.

LEGEND

- INDICATES FOUND HORIZONTAL CONTROL STATION AS DESCRIBED.
- INDICATES SET PK NAIL & SHINER IN AC UNLESS OTHERWISE NOTED.
- INDICATES HORIZONTAL POSITION HELD IN LEAST SQUARES ADJUSTMENT OF GPS DATA (SEE BASIS OF BEARINGS).
- NON-TRIVIAL MEASURED GPS BASELINE.

RECORDER'S STATEMENT

FILED THIS _____ DAY OF _____, 2004, AT _____M, IN
BOOK _____ OF MAPS AT PAGES _____, AT THE REQUEST OF
CROSS LAND SURVEYING, INC.

BRENDA DAVIS, COUNTY RECORDER
FILE NO. _____ BY _____
FEE _____ DEPUTY

TABLE OF POINT COORDINATE VALUES

HPGN-D NAD83 (EPOCH 1991.35)
CALIFORNIA COORDINATE SYSTEM - ZONE 3
VERTICAL DATUM - NAVD29 (CITY OF MILPITAS)

POINT NO.	LATITUDE	LONGITUDE	NORTHING	EASTING	ORTHO. HEIGHT	CONVERGENCE	SCALE FACTOR	COMB. FACTOR
1	37° 26' 6.505420" N	121° 54' 24.016699" W	1983979.240	6153265.873	15.49	-0° 51' 40.353"	0.999944294	0.999948647
2	37° 26' 0.846477" N	121° 54' 22.935105" W	1983403.669	6133340.680	13.92	-0° 51' 39.703"	0.999944445	0.999948673
3	37° 25' 51.644079" N	121° 54' 18.914971" W	1982470.145	6133652.716	16.74	-0° 51' 37.230"	0.999944692	0.999948966
4	37° 26' 4.5995000" N	121° 54' 29.604012" W	1983792.817	6152810.393	11.69	-0° 51' 45.774"	0.999944345	0.999948871
7	37° 25' 49.519700" N	121° 53' 26.762083" W	1982264.819	6153016.644	13.81	-0° 51' 42.034"	0.999944749	0.999949184
* 1084	37° 25' 37.650570" N	121° 53' 44.819230" W	1981013.840	6156381.509		-0° 51' 16.355"	0.999945071	0.999949092
* 3920	37° 27' 19.528430" N	121° 54' 3.512580" W	1991339.194	6155027.923		-0° 51' 27.800"	0.999942417	0.999944172
* 4000	37° 25' 31.225930" N	121° 55' 1.003900" W	1980456.466	6150227.133		-0° 52' 2.998"	0.999945246	0.999948286

* HORIZONTAL POSITION HELD IN LEAST SQUARES ADJUSTMENT OF GPS DATA.

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